Amendments to the Claims

This listing of claims will replace all prior versions of claims in the present application.

Listing of Claims:

1-53. (Canceled)

54. (Currently Amended) A method of coating an implantable device comprising

a. providing a first block copolymer, wherein the first block copolymer comprises a block having a glass transition temperature (T_g) below body temperature and a second block having a T_g or a melting temperature (T_m) above body temperature, wherein the second block comprises styrene monomers,

b. conjugating a biobeneficial polymer to the styrene monomers of the first block polymer by acylation ~~and subsequent reductive amination~~ followed by reductive amination of the acyl carbonyl to form a conjugate of the first block polymer and the biobeneficial polymer,

c. applying a composition onto the implantable device to form a coating, wherein the composition comprises the first block copolymer conjugated with the biobeneficial polymer.

55. (Previously Presented) The method of claim 54 wherein the composition further comprises a bioactive agent.

56. (Previously Presented) The method of claim 54 wherein the implantable device is a stent.

57. (Currently Amended) The method of claim 54 wherein the biobeneficial polymer is an ~~amino~~amine-terminated PEG ~~or 4-amino-2,2',6,6'-tetramethyl piperidine oxide (4-amino-TEMPO)~~.

58. (New) A method of coating an implantable device comprising

a. providing a first block copolymer, wherein the first block copolymer comprises a block having a glass transition temperature (T_g) below body temperature and a

second block having a T_g or a melting temperature (T_m) above body temperature, wherein the second block comprises styrene monomers,

b. conjugating 4-amino-2,2',6,6'-tetramethyl piperidine oxide (4-amino-TEMPO) to the styrene monomers of the first block polymer by acylation followed by reductive amination of the acyl carbonyl to form a conjugate of the first block polymer and 4-amino-TEMPO,

c. applying a composition onto the implantable device to form a coating, wherein the composition comprises the first block copolymer conjugated with 4-amino-TEMPO.

59. (New) The method of claim 58 wherein the composition further comprises a bioactive agent.

60. (New) The method of claim 58 wherein the implantable device is a stent.